

In a specific embodiment, the overlayer includes an acrylic resin blended with a titanium oxide pigment. In a still further embodiment, a pH indicator is bound to the appliance for indicating the pH of a patient's mouth during use of the appliance wherein the pH indicator can be incorporated into the abradable overlayer or chemically or mechanically fixed to the appliance.

In another form of the invention, there is provided a method of coating a bruxism appliance comprising the steps of:

- Q1*
- (a) fitting a bruxism appliance having a polymeric base to a patient's upper and lower dentition; and,
  - (b) applying an abradable overlayer to the polymeric base by any one of or a combination of painting or spraying where the abradable overlayer is selected from any one of or a combination of an acrylic resin, natural resin or composite material.

In a still further form, the invention provides a kit for applying an abradable overlayer to a polymeric base of a bruxism appliance, the kit comprising a packaged amount of a liquid abradable overlayer composition and an applicator wherein the overlayer composition and an applicator brush contained within a sterile package.

In further embodiments of the kit, the applicator is selected from a brush or a spray container and/or the abradable overlayer is selected from any one of or a combination of an acrylic resin, natural resin or composite material.

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(Amended -First three paragraphs)

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#### DETAILED DESCRIPTION OF THE INVENTION

*A2*

With references to the figures, a bruxism appliance 10 and method of treating a bruxism appliance is described.

A bruxism appliance 10 having a polymeric base 12 is fitted to a patient's teeth as in known in the art by initially adjusting the appliance to fit comfortably and occlude evenly against the opposing dentition. This process may require spot grinding with a slow speed hand tool and the use of articulating paper. After proper